			PATENT NUMBER
Class	Subclass	ISSUE CLASSIFICATION	

U.S. REISSUE Patent Application

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER	
09/659377	D	376	371	3641	Palabrica	

APPLICANTS

Eric Johansson
Bruce Matzner
Gary Dix
Richard Wolters

TITLE

Optimized critical power in a fuel bundle with part length rods

PTO-2040
12/99

APPLICANT(S):

☐ SURRENDER OF ORIGINAL PATENT _____ (Exr. Initials) _____ ORIGINAL PATENT NUMBER 5,229,068

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)	
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)
INTERNATIONAL CLASSIFICATION			

☐ Continued on Issue Slip Inside File Jacket

☐ **TERMINAL DISCLAIMER**	**DRAWINGS**			**CLAIMS ALLOWED**	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
☐ The term of this patent subsequent to _____ (date) has been disclaimed.	(Assistant Examiner) (Date)			**NOTICE OF ALLOWANCE MAILED**	
☐ The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____				**ISSUE FEE**	
☐ The terminal ____ months of this patent have been disclaimed.	(Primary Examiner) (Date)			Amount Due	Date Paid
FINAL SPRE REVIEW (INITIALS)	(Legal Instruments Examiner) (Date)			**ISSUE BATCH NUMBER**	

WARNING:

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-2008
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM

(Attached in pocket on right inside flap)

(FACE)

SEARCHED

Class	Sub.	Date	Exmr.

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.

SEARCH NOTES
(INCLUDING SEARCH STRATEGY)

	Date	Exmr.

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION			
O.I.P.E. CLASSIFIER			
FORMALITY REVIEW	*PMR*	*70025*	*4/6/01*
RESPONSE FORMALITY REVIEW			

INDEX OF CLAIMS

✔ .... Rejected	N .... Non-elected	
= .... Allowed	I .... Interference	
— (Through numeral)... Canceled	A .... Appeal	
÷ .... Restricted	O .... Objected	

Claim		Date										
Final	Original											
	(1)											
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	21											
	22											
	23											
	24											
	25											
	26											
	27											
	28											
	29											
	30											
	31											
	32											
	33											
	34											
	35											
	36											
	37											
	38											
	39											
	40											
	41											
	42											
	43											
	44											
	45											
	46											
	47											
	48											
	49											
	50											

Claim		Date										
Final	Original											
	51											
	52											
	53											
	54											
	55											
	56											
	57											
	58											
	59											
	60											
	61											
	62											
	63											
	64											
	65											
	66											
	67											
	68											
	69											
	70											
	71											
	72											
	73											
	74											
	75											
	76											
	77											
	78											
	(79)											
	80											
	81											
	82											
	(83)											
	84											
	85											
	86											
	87											
	88											
	89											
	90											
	91											
	92											
	93											
	(94)											
	95											
	96											
	97											
	98											
	99											
	100											

Claim		Date										
Final	Original											
	101											
	102											
	103											
	(104)											
	105											
	106											
	107											
	(108)											
	109											
	110											
	111											
	112											
	113											
	114											
	115											
	116											
	117											
	118											
	119											
	120											
	121											
	122											
	123											
	124											
	125											
	126											
	127											
	128											
	129											
	130											
	131											
	132											
	133											
	134											
	135											
	136											
	137											
	138											
	139											
	140											
	141											
	142											
	143											
	144											
	145											
	146											
	147											
	148											
	149											
	150											

If more than 150 claims or 10 actions
staple additional sheet here

(LEFT INSIDE)

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 29, 1999

Application or Docket Number

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS 71 74	minus 20=	* 54
INDEPENDENT CLAIMS 8 9	minus 3 =	* 1
MULTIPLE DEPENDENT CLAIM PRESENT		

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐ OR **OTHER THAN SMALL ENTITY**

RATE	FEE		RATE	FEE
	345.00	OR		690.00
X$ 9=		OR	X$18=	972.00
X39=		OR	X78=	78.00
+130=		OR	+260=	
TOTAL		OR	TOTAL	1740.00

CLAIMS AS AMENDED - PART II

SMALL ENTITY OR **OTHER THAN SMALL ENTITY**

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION

||||||||||||||||||||||||||
09659377

JC903 U.S. PTO
09/659377

||||||||||||||||||||||||||
09/07/00

CONTENTS

		Date Received (Incl. C. of M.) or Date Mailed			Date Received (Incl. C. of M.) or Date Mailed
1.	Application _____ papers.		42.		
2.	Ltr: Dec/ Consent/Fee	4/9/01	43.		
3.	Cert Dec. fee	9-10-01	44.		
4.	Status Ltr.	12-13-00	45.		
5.	Ack. A	16/5/01	46.		
6.	IDS	11-09-01	47.		
7.			48.		
8.			49.		
9.			50.		
10.			51.		
11.			52.		
12.			53.		
13.			54.		
14.			55.		
15.			56.		
16.			57.		
17.			58.		
18.			59.		
19.			60.		
20.			61.		
21.			62.		
22.			63.		
23.			64.		
24.			65.		
25.			66.		
26.			67.		
27.			68.		
28.			69.		
29.	Decision Merging Reex Rei.	09/13/02	70.		
30.	Act. of Merged Reexam	09/13/02	71.		
31.	Rejection 3mos Rei. Proc.	2/25/03	72.		
32.	Our decision	5/7/13	73.		
33.	Ack B	5/27/03	74.		
34.	Final Rej 3mos	3/3/04	75.		
35.			76.		
36.			77.		
37.			78.		
38.			79.		
39.			80.		
40.			81.		
41.			82.		

2/10

1/09